(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property **Organization** International Bureau





(43) International Publication Date 6 May 2005 (06.05.2005)

PCT

(10) International Publication Number WO 2005/039699 A1

(51) International Patent Classification7:

A61N 5/06

(21) International Application Number:

PCT/GB2004/004362

(22) International Filing Date: 15 October 2004 (15.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0324254.2

16 October 2003 (16.10.2003)

(71) Applicant (for all designated States except US): EUPHO-TONICS LIMITED [GB/GB]; Units 1 & 2 Heol Rhosyn, Parc Dafen Industrial Estate, Llanelli SA14 8QG (GB).

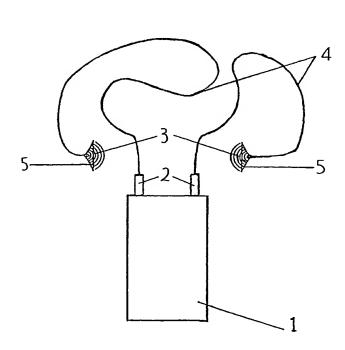
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): WILLIAMS, Christopher, Edwin [GB/GB]; c/o Euphotonics Limited, Units 1

& 2 Heol Rhosyn, Parc Dafen Industrial Estate, Llanelli SA14 8QG (GB).

- (74) Agent: URQUHART-DYKES & LORD LLP; Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: APPARATUS FOR ILLUMINATING A ZONE OF MAMMALIAN SKIN



(57) Abstract: Apparatus for illuminating a zone of mammalian skin which comprises one or more light emitters (3). An applicator such as a suction cup (5) or an adhesive patch can be moved to direct light to the skin and a controller can be used to control the duration and/or intensity of light delivered without significant ablation of the skin. The apparatus is used in method for cosmetically improving the appearance of skin.



WO 2005/039699 A1



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report